

## AX-ADXSVI-CH3

## Dodge/RAM accessory and NAV output CAN harness 2013-up

- Provides accessory (12 volt 10 amp)
- Retains R.A.P. (retained accessory power)
- Used in non-amplified systems or when replacing amplified system
- \*Fiat 500L only: For use in both amplified and non-amplified systems*
- Provides NAV outputs (parking brake, reverse, and V.S.S.)
- Prewired ASWC-1 harness included (ASWC-1 sold separately)
- Retains back-up camera (if through the OE radio)
- Retains the use of the 3.5mm AUX jack
- High level speaker input
- USB updatable

**Note:** This harness must be used in conjunction with the AX-ADXSVI

## APPLICATIONS

DODGE		RAM	
Dart (small screen option)	2013-up	1500, 2500, 3500	
		(small screen option)	2013-up
FIAT		Chassis cab 3500, 4500, 5500	
500L	2014-up	(small screen option)	2013-up

## WIRING THE AX-ADXSVI-CH3

- Connect the **Yellow** wire to the radio's 12 volt battery or memory wire.
- Connect the **Black** wire to the radio's ground wire.
- Connect the **Red** wire to the ignition wire of the aftermarket radio.
- Connect the **Orange** wire to the illumination wire of the aftermarket radio. If the aftermarket radio has no illumination wire, tape off the **Orange** wire.
- For the Fiat 500L only, connect the **Blue/White** wire to the amp turn on of the aftermarket radio.
- Connect the **White** wire to the left front positive speaker output of the aftermarket radio.
- Connect the **White/Black** wire to the left front negative speaker output of the aftermarket radio.



REV. 12/19/13 © COPYRIGHT 2004-2013 METRA ELECTRONICS CORPORATION

## AX-ADXSVI-CH3

## Dodge/RAM accessory and NAV output CAN harness 2013-up

- Provides accessory (12 volt 10 amp)
- Retains R.A.P. (retained accessory power)
- Used in non-amplified systems or when replacing amplified system
- \*Fiat 500L only: For use in both amplified and non-amplified systems*
- Provides NAV outputs (parking brake, reverse, and V.S.S.)
- Prewired ASWC-1 harness included (ASWC-1 sold separately)
- Retains back-up camera (if through the OE radio)
- Retains the use of the 3.5mm AUX jack
- High level speaker input
- USB updatable

**Note:** This harness must be used in conjunction with the AX-ADXSVI

## APPLICATIONS

DODGE		RAM	
Dart (small screen option)	2013-up	1500, 2500, 3500	
		(small screen option)	2013-up
FIAT		Chassis cab 3500, 4500, 5500	
500L	2014-up	(small screen option)	2013-up

## WIRING THE AX-ADXSVI-CH3

- Connect the **Yellow** wire to the radio's 12 volt battery or memory wire.
- Connect the **Black** wire to the radio's ground wire.
- Connect the **Red** wire to the ignition wire of the aftermarket radio.
- Connect the **Orange** wire to the illumination wire of the aftermarket radio. If the aftermarket radio has no illumination wire, tape off the **Orange** wire.
- For the Fiat 500L only, connect the **Blue/White** wire to the amp turn on of the aftermarket radio.
- Connect the **White** wire to the left front positive speaker output of the aftermarket radio.
- Connect the **White/Black** wire to the left front negative speaker output of the aftermarket radio.



REV. 12/19/13 © COPYRIGHT 2004-2013 METRA ELECTRONICS CORPORATION

## AX-ADXSVI-CH3

## Dodge/RAM accessory and NAV output CAN harness 2013-up

- Provides accessory (12 volt 10 amp)
- Retains R.A.P. (retained accessory power)
- Used in non-amplified systems or when replacing amplified system
- \*Fiat 500L only: For use in both amplified and non-amplified systems*
- Provides NAV outputs (parking brake, reverse, and V.S.S.)
- Prewired ASWC-1 harness included (ASWC-1 sold separately)
- Retains back-up camera (if through the OE radio)
- Retains the use of the 3.5mm AUX jack
- High level speaker input
- USB updatable

**Note:** This harness must be used in conjunction with the AX-ADXSVI

## APPLICATIONS

DODGE		RAM	
Dart (small screen option)	2013-up	1500, 2500, 3500	
		(small screen option)	2013-up
FIAT		Chassis cab 3500, 4500, 5500	
500L	2014-up	(small screen option)	2013-up

## WIRING THE AX-ADXSVI-CH3

- Connect the **Yellow** wire to the radio's 12 volt battery or memory wire.
- Connect the **Black** wire to the radio's ground wire.
- Connect the **Red** wire to the ignition wire of the aftermarket radio.
- Connect the **Orange** wire to the illumination wire of the aftermarket radio. If the aftermarket radio has no illumination wire, tape off the **Orange** wire.
- For the Fiat 500L only, connect the **Blue/White** wire to the amp turn on of the aftermarket radio.
- Connect the **White** wire to the left front positive speaker output of the aftermarket radio.
- Connect the **White/Black** wire to the left front negative speaker output of the aftermarket radio.



REV. 12/19/13 © COPYRIGHT 2004-2013 METRA ELECTRONICS CORPORATION

## AX-ADXSVI-CH3

## Dodge/RAM accessory and NAV output CAN harness 2013-up

- Provides accessory (12 volt 10 amp)
- Retains R.A.P. (retained accessory power)
- Used in non-amplified systems or when replacing amplified system
- \*Fiat 500L only: For use in both amplified and non-amplified systems*
- Provides NAV outputs (parking brake, reverse, and V.S.S.)
- Prewired ASWC-1 harness included (ASWC-1 sold separately)
- Retains back-up camera (if through the OE radio)
- Retains the use of the 3.5mm AUX jack
- High level speaker input
- USB updatable

**Note:** This harness must be used in conjunction with the AX-ADXSVI

## APPLICATIONS

DODGE		RAM	
Dart (small screen option)	2013-up	1500, 2500, 3500	
		(small screen option)	2013-up
FIAT		Chassis cab 3500, 4500, 5500	
500L	2014-up	(small screen option)	2013-up

## WIRING THE AX-ADXSVI-CH3

- Connect the **Yellow** wire to the radio's 12 volt battery or memory wire.
- Connect the **Black** wire to the radio's ground wire.
- Connect the **Red** wire to the ignition wire of the aftermarket radio.
- Connect the **Orange** wire to the illumination wire of the aftermarket radio. If the aftermarket radio has no illumination wire, tape off the **Orange** wire.
- For the Fiat 500L only, connect the **Blue/White** wire to the amp turn on of the aftermarket radio.
- Connect the **White** wire to the left front positive speaker output of the aftermarket radio.
- Connect the **White/Black** wire to the left front negative speaker output of the aftermarket radio.



REV. 12/19/13 © COPYRIGHT 2004-2013 METRA ELECTRONICS CORPORATION

## INSTAX-ADXSVI-CH3



- Connect the **Gray** wire to the right front positive speaker output of the aftermarket radio.
- Connect the **Gray/Black** wire to the right front negative speaker output of the aftermarket radio.
- Connect the **Green** wire to the radio's left rear positive speaker output.
- Connect the **Green/Black** wire to the radio's left rear negative speaker output.
- Connect the **Purple** wire to the radio's right rear positive speaker output.
- Connect the **Purple/Black** wire to the radio's right rear negative speaker output.

The following wires are for the aftermarket radios that have navigation built in.

- Connect the **Light Green** wire to the parking brake wire of the aftermarket navigation radio (if applicable).
- Connect the **Blue/Pink** wire to the VSS or speed sense wire of the aftermarket navigation radio (if applicable).
- Connect the **Green/Purple** wire to the reverse wire of the aftermarket navigation radio (if applicable).
- Cycle the key, by turning the ignition on for 30 seconds. Then off and on again to test the radio.

### RCA CONNECTIONS

- Connect the Yellow RCA to the "video in" of the aftermarket radio to retain the OE back up camera (if equipped).
- Connect the White and Red RCA to the audio "AUX in" of the aftermarket radio to retain the OE 3.5mm jack (if equipped).

### ASWC-1 (if installing)

After the XSVI is initialized, plug in the ASWC-1 into the 12-pin harness of the AX-ADXSVI-CH3 and refer to the ASWC-1 instructions.



**KNOWLEDGE IS POWER**  
Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry.  
Log onto [www.metraonline.com](http://www.metraonline.com) or call 800-334-6782 for more information and take steps toward a better tomorrow.

**Caution:** Metra recommends disconnecting the negative battery terminal before beginning any installation. All accessories, switches, and especially air bag indicator lights must be plugged in before reconnecting the battery or cycling the ignition.

**Note:** Refer to the instructions included with the aftermarket radio.



Metra recommends MECP certified technicians

1-800-221-0932

[metraonline.com](http://metraonline.com)

REV. 12/19/13 © COPYRIGHT 2004-2013 METRA ELECTRONICS CORPORATION

## INSTAX-ADXSVI-CH3



- Connect the **Gray** wire to the right front positive speaker output of the aftermarket radio.
- Connect the **Gray/Black** wire to the right front negative speaker output of the aftermarket radio.
- Connect the **Green** wire to the radio's left rear positive speaker output.
- Connect the **Green/Black** wire to the radio's left rear negative speaker output.
- Connect the **Purple** wire to the radio's right rear positive speaker output.
- Connect the **Purple/Black** wire to the radio's right rear negative speaker output.

The following wires are for the aftermarket radios that have navigation built in.

- Connect the **Light Green** wire to the parking brake wire of the aftermarket navigation radio (if applicable).
- Connect the **Blue/Pink** wire to the VSS or speed sense wire of the aftermarket navigation radio (if applicable).
- Connect the **Green/Purple** wire to the reverse wire of the aftermarket navigation radio (if applicable).
- Cycle the key, by turning the ignition on for 30 seconds. Then off and on again to test the radio.

### RCA CONNECTIONS

- Connect the Yellow RCA to the "video in" of the aftermarket radio to retain the OE back up camera (if equipped).
- Connect the White and Red RCA to the audio "AUX in" of the aftermarket radio to retain the OE 3.5mm jack (if equipped).

### ASWC-1 (if installing)

After the XSVI is initialized, plug in the ASWC-1 into the 12-pin harness of the AX-ADXSVI-CH3 and refer to the ASWC-1 instructions.



**KNOWLEDGE IS POWER**  
Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry.  
Log onto [www.metraonline.com](http://www.metraonline.com) or call 800-334-6782 for more information and take steps toward a better tomorrow.

**Caution:** Metra recommends disconnecting the negative battery terminal before beginning any installation. All accessories, switches, and especially air bag indicator lights must be plugged in before reconnecting the battery or cycling the ignition.

**Note:** Refer to the instructions included with the aftermarket radio.



Metra recommends MECP certified technicians

1-800-221-0932

[metraonline.com](http://metraonline.com)

REV. 12/19/13 © COPYRIGHT 2004-2013 METRA ELECTRONICS CORPORATION

## INSTAX-ADXSVI-CH3



- Connect the **Gray** wire to the right front positive speaker output of the aftermarket radio.
- Connect the **Gray/Black** wire to the right front negative speaker output of the aftermarket radio.
- Connect the **Green** wire to the radio's left rear positive speaker output.
- Connect the **Green/Black** wire to the radio's left rear negative speaker output.
- Connect the **Purple** wire to the radio's right rear positive speaker output.
- Connect the **Purple/Black** wire to the radio's right rear negative speaker output.

The following wires are for the aftermarket radios that have navigation built in.

- Connect the **Light Green** wire to the parking brake wire of the aftermarket navigation radio (if applicable).
- Connect the **Blue/Pink** wire to the VSS or speed sense wire of the aftermarket navigation radio (if applicable).
- Connect the **Green/Purple** wire to the reverse wire of the aftermarket navigation radio (if applicable).
- Cycle the key, by turning the ignition on for 30 seconds. Then off and on again to test the radio.

### RCA CONNECTIONS

- Connect the Yellow RCA to the "video in" of the aftermarket radio to retain the OE back up camera (if equipped).
- Connect the White and Red RCA to the audio "AUX in" of the aftermarket radio to retain the OE 3.5mm jack (if equipped).

### ASWC-1 (if installing)

After the XSVI is initialized, plug in the ASWC-1 into the 12-pin harness of the AX-ADXSVI-CH3 and refer to the ASWC-1 instructions.



**KNOWLEDGE IS POWER**  
Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry.  
Log onto [www.metraonline.com](http://www.metraonline.com) or call 800-334-6782 for more information and take steps toward a better tomorrow.

**Caution:** Metra recommends disconnecting the negative battery terminal before beginning any installation. All accessories, switches, and especially air bag indicator lights must be plugged in before reconnecting the battery or cycling the ignition.

**Note:** Refer to the instructions included with the aftermarket radio.



Metra recommends MECP certified technicians

1-800-221-0932

[metraonline.com](http://metraonline.com)

REV. 12/19/13 © COPYRIGHT 2004-2013 METRA ELECTRONICS CORPORATION

## INSTAX-ADXSVI-CH3



- Connect the **Gray** wire to the right front positive speaker output of the aftermarket radio.
- Connect the **Gray/Black** wire to the right front negative speaker output of the aftermarket radio.
- Connect the **Green** wire to the radio's left rear positive speaker output.
- Connect the **Green/Black** wire to the radio's left rear negative speaker output.
- Connect the **Purple** wire to the radio's right rear positive speaker output.
- Connect the **Purple/Black** wire to the radio's right rear negative speaker output.

The following wires are for the aftermarket radios that have navigation built in.

- Connect the **Light Green** wire to the parking brake wire of the aftermarket navigation radio (if applicable).
- Connect the **Blue/Pink** wire to the VSS or speed sense wire of the aftermarket navigation radio (if applicable).
- Connect the **Green/Purple** wire to the reverse wire of the aftermarket navigation radio (if applicable).
- Cycle the key, by turning the ignition on for 30 seconds. Then off and on again to test the radio.

### RCA CONNECTIONS

- Connect the Yellow RCA to the "video in" of the aftermarket radio to retain the OE back up camera (if equipped).
- Connect the White and Red RCA to the audio "AUX in" of the aftermarket radio to retain the OE 3.5mm jack (if equipped).

### ASWC-1 (if installing)

After the XSVI is initialized, plug in the ASWC-1 into the 12-pin harness of the AX-ADXSVI-CH3 and refer to the ASWC-1 instructions.



**KNOWLEDGE IS POWER**  
Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry.  
Log onto [www.metraonline.com](http://www.metraonline.com) or call 800-334-6782 for more information and take steps toward a better tomorrow.

**Caution:** Metra recommends disconnecting the negative battery terminal before beginning any installation. All accessories, switches, and especially air bag indicator lights must be plugged in before reconnecting the battery or cycling the ignition.

**Note:** Refer to the instructions included with the aftermarket radio.



Metra recommends MECP certified technicians

1-800-221-0932

[metraonline.com](http://metraonline.com)

REV. 12/19/13 © COPYRIGHT 2004-2013 METRA ELECTRONICS CORPORATION